

AMENDMENTS TO THE SPECIFICATION

Please amend the specification as follows.

Please replace paragraph [0002] of the specification as originally filed with the paragraph below, which is marked-up to show the changes therein:

Generally, a wireless LAN system consists of an ~~[[ad-Hoc]]~~  
ad-hoc network where a plurality of terminals, each of which includes a wireless Network Interface Card (NIC), are connected to each other and independently to wired LANs, and an infrastructure network where wireless terminals are connected to wired LANs through wireless access nodes. In an infrastructure network, a wireless cell Basic Service Set (BSS) is formed centering on one wireless access node. The wireless access node has the same functionality as a cellular phone station and connects all wireless terminals in the BSS to a LAN.

Please replace paragraph [0005] of the specification as originally filed with the paragraph below, which is marked-up to show the changes therein:

MAC addresses used for data communication between wireless terminals through wireless access nodes are unique values allocated upon manufacturing wireless LAN cards. The MAC address is not varied and also is not encoded. Accordingly, MAC addresses are exposed during data communication so that anonymity of a user using a corresponding MAC address ~~[[can not]]~~ cannot be guaranteed. Thus, a user using the corresponding MAC address may be easily tracked. That is, by merely monitoring unique MAC addresses, private user information about network access ~~[[state]]~~ states, network access time, etc., may be outflowed, and more seriously, if any unique MAC address is exposed, a greater risk exists for malicious users eavesdropping at

the link layer. Further, ~~[[attack]]~~ the possibility of an attack on the  
~~[[to]]~~ encryption channels is increased in long-running monitoring.

Please replace paragraph [0024] of the specification as originally filed with the paragraph below, which is marked-up to show the changes therein:

Korean Patent Application No. 2002-39155, filed  
on July 6, 2002, and entitled: "Method of Guaranteeing Users'  
Anonymity ~~[[And]]~~ and Wireless Local Area Network (~~[[Lan]]~~  
LAN) System Therefor," is incorporated by reference herein in its  
entirety.

Please replace paragraph [0046] of the specification as originally filed with the paragraph below, which is marked-up to show the changes therein:

The above-described preferred embodiments may be  
embodied as computer programs and may also be embodied on a  
general-purpose digital computer for executing the computer  
programs using a computer readable medium. The computer  
readable medium may include storage media, such as magnetic  
storage media (e.g. ROMs, floppy discs, hard discs, etc.), and  
optically readable media (e.g. CD-ROMs, DVDs, etc.), ~~and carrier~~  
~~waves (transmissions over the Internet).~~